



# Low NO<sub>x</sub> TURBOPOWER® - PACKAGED WATER HEATER NICKELSHIELD® NICKEL-PLATED STORAGE TANK

FOR INPUTS OF 800,000 AND 1,200,000 Btu/h

## STANDARD FEATURES AND EQUIPMENT

- SCAQMD certified NO<sub>x</sub> emissions of <30 ppm
- NICKELSHIELD® nickel-plated tank with 10-year warranty ①
- Three-year TURBOPOWER® heat exchanger warranty ①
- One-year cost-free service policy ①
- Thermal efficiency of 83% per ANSI Z21.10.3
- Removable TURBOPOWER® heat exchanger with non-ferrous waterside construction and solid copper fire tubes
- 100% submerged combustion
- TURBOPOWER® heat exchanger ASME rated for 150 psi operating pressure
- Removable and replaceable, cast bronze tank fittings
- 23" diameter tank access
- Fan-assisted burner
- Second main gas valve
- Electronic flame safeguard with pre- and post-purge
- Metal fiber matrix burner with fuel /air ratio system
- Low gas pressure operation (4.5" W.C.)
- Upper and lower immersion operating thermostats (upper only on horizontal tanks of 250 gallons and less, and on vertical tanks of 125 and 250 gallons)
- Immersion temperature limiting device (high limit control)
- ASME-rated temperature and pressure relief valve
- Drain valve
- Draft regulator
- Air intake assembly for remote combustion air (requires field connection to ductwork supplied by others)
- Lifting lugs (on 400 gallon tanks and larger)
- Fiberglass insulation
- Steel jacketing with durable powder coat finish
- Factory-authorized start up
- ASHRAE 90.1- 1999 compliant for thermal efficiency and standby heat and electrical loss
- Storage tank ASME stamped for 188 psi test pressure and National Board Registered for 125 psi operating pressure
- UL Classified to ANSI Z21.10.3
- FM compliant

## OPTIONAL FEATURES AND EQUIPMENT

- 20-year NICKELSHIELD® tank warranty ①
- Storage tank ASME stamped for 225 psi test pressure and National Board Registered for 150 psi operating pressure
- Rear heat exchanger/tank access with 23" diameter (when not standard)
- AGA-rated temperature and pressure relief valve(s)
- 3" cold water inlet and hot water outlet (standard on tanks larger than 400 gallons)
- 2" drain valve (standard on tanks larger than 400 gallons)
- Lifting lugs
- Intratank circulator  
(< 1000 gallon tank: 1/25 hp, 115V, 3/4 amp)  
(≥ 1000 gallon tank: 1/3 hp, 115V, 8 amp)
- 2,500,000 Btu/h FM controls package. Adds electronic low-water cutoff, manual-reset high limit, single-try firing control and high-low gas pressure switch. (not required for FM compliance below 2,500,000 Btu/h)
- IRI compliance package including motorized gas valve, double block and bleed, hi-low gas pressure switch manual-reset high limit, electronic low-water cutoff, and alarm bell (not required by IRI on inputs below 400,000 Btu/h)
- Other agency compliance \_\_\_\_\_ (consult factory)
- Electronic low water cutoff
- Manual-reset, immersion temperature limiting device
- DUO-SET™ controls for dual temperature applications
- Dial temperature and pressure gauges
- Tridicator
- Seven-day time clock
- Digital seven-day time clock with battery backup
- Alarm bell with silencing switch
- Stack temperature gauge

① See complete warranty and/or service policy for details